

# High Frequency Ceramic Solutions

## 3.35 GHz Band Pass Filter

P/N 3350BP39A0500

Detail Specification: 01/29/10

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### General Specifications

Part Number	3350BPA0500	
Frequency (MHz)	3100 ~ 3600	
Attenuation (min.)	500 ~ 2000 MHz	35 dB
Attenuation (min.)	2500 MHz	30 dB
Attenuation (min.)	2950 MHz	5 dB
Attenuation (min.)	4000 MHz	10 dB
Attenuation (min.)	5000 MHz	28 dB
Attenuation (min.)	6000 ~ 8000 MHz	30 dB
Attenuation (Ref.)	8000 ~ 10000 MHz	20 dB

Insertion Loss	2.0 dB max.
Return Loss	9.5 dB min.
Input Power	500 mW max.
Impedance	50 Ω
Reel Quantity	3000
Operating Temperature	-40 to +85°C
Storage Temperature	+5 ~ +35°C, Humidity 45~75%RH, 12 mos. Max*

\*12 months in vacuum sealed bag and 1 week after

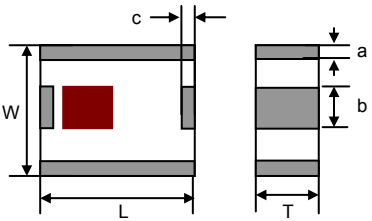
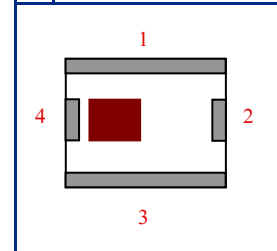
P/N	Packaging	Bulk	Suffix = S	Eg. 3350BP39A0500
	Style	T & R	Suffix = E	Eg. 3350BP39A0500E
Suffix	Termination	100% Tin	Suffix = None	Eg. 3350BP39A0500(E or S)
	Style	Tin / Lead	Suffix = /Pb	Eg. 3350BP39A0500(E or S)/Pb

### Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

### Mechanical Dimensions

	In	mm
L	0.098 ± 0.008	2.50 ± 0.20
W	0.079 ± 0.008	2.00 ± 0.20
T	0.037 ± 0.004	0.95 ± 0.10
a	0.012 ± 0.008	0.30 ± 0.20
b	0.024 ± 0.008	0.60 ± 0.20
c	0.012 ± 0.008	0.30 ± 0.20

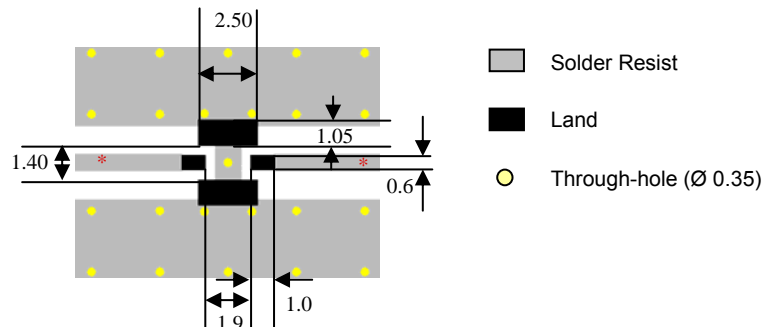



### Mounting Considerations

Mount these devices with brown mark facing up.

\* Line width should be designed to provide 50 Ω impedance matching characteristics.

Units: mm



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[www.johansontechnology.com](http://www.johansontechnology.com)

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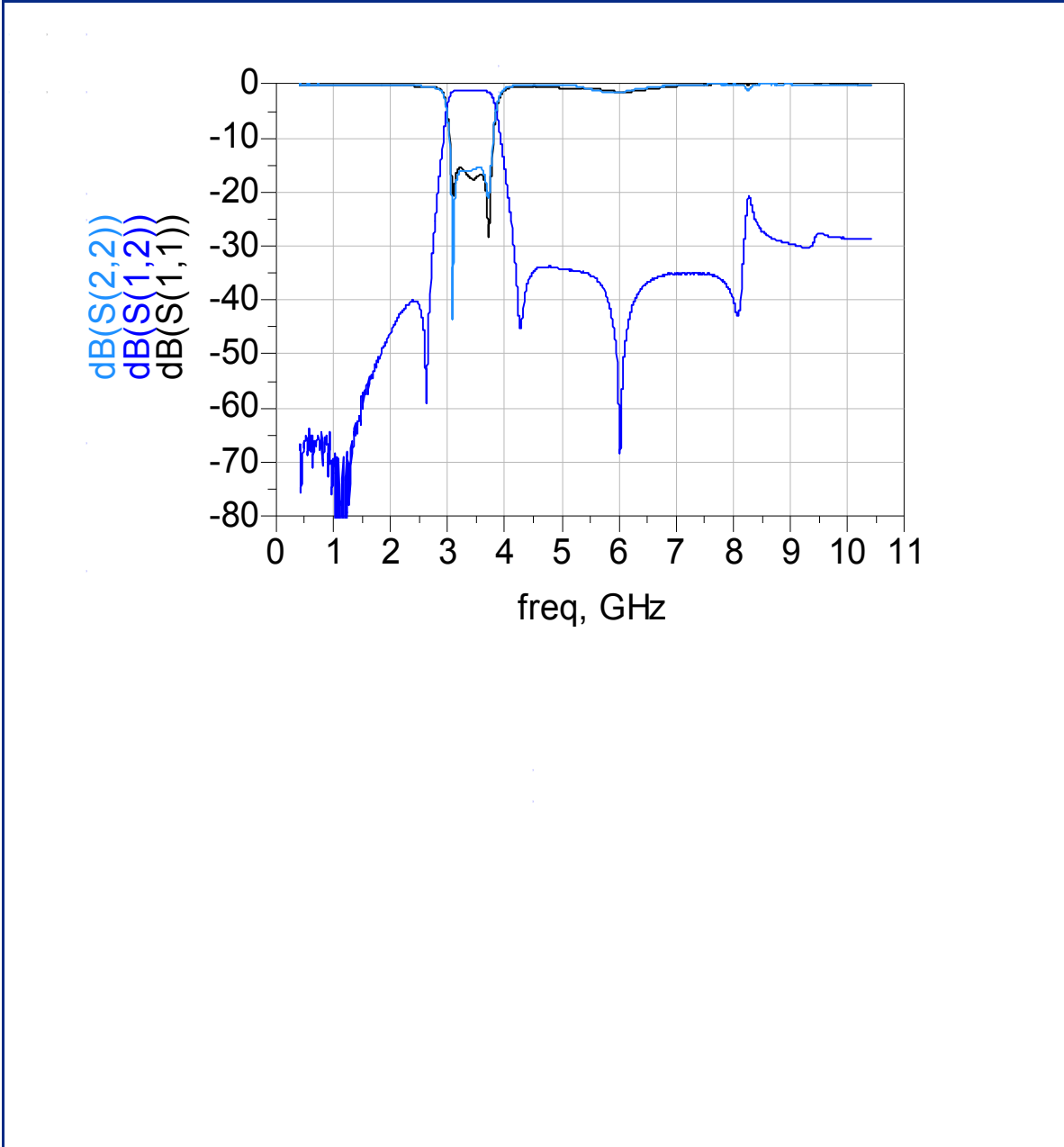
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Typical Electrical Performance (T=25°C)



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# Mouser Electronics

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